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Annual Report
Of
The Royal Botanic Garden, Calcutta

1881 — 1892

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ANNUAL REPORT OF THE ROYAL BOTANIC GARDEN FOR THE YEAR 1888-89.

No. 11G, dated Seebpore, the 14th May 1889.

From—Brigade-Surgeon George King, M.B., Superintendent, Royal Botanic Garden, Calcutta,

To—The Secretary to the Government of Bengal, Financial Department.

I have the honour herewith to submit the One Hundred and Second Annual Report of the Royal Botanic Garden.

ANNUAL REPORT OF THE ROYAL BOTANIC GARDEN, CALCUTTA, FOR THE YEAR 1888-89.

The chief improvement effected within the garden during the year was the extension and completion of the Palm-house. This house—an octagon with a central dome—was originally designed in 1882. But as the carrying out of the entire plan at that time would have provided more space than was actually necessary only the central part was then built. The collection of plants cultivated in the garden having increased enormously during the past few years, the house has now been extended to the full size originally contemplated. The octagonal form has been preserved, and the length of each of the eight sides is now 85 feet, while the diameter of the whole is 210 feet. In its complete form it forms a very large conservatory indeed, and when the plants now being put out in it have had time to establish themselves, the effect inside will, I think, be very fine. Externally no house with such a large area of thatched roof can possibly look very well. But trees are to be planted in its neighbourhood, so as to break the view of the great expanse of thatch as much as possible. Various minor improvements in the way of road-making and mending have been effected within the garden. But the chief improvement in the way of communications which I have to record is the beginning made by the Public Works Department towards the continuation of the riverside road from the Shalimar Point to one of the garden gates. The Port Commissioners some years ago carried the road as far as Shalimar; but there it ended in a *cul de sac*. Now it is being carried, close by the brink of the river, down to the garden. This road, when completed, will form a magnificent breezy drive, and should tend considerably to augment the number of visitors. The accessibility of the garden has been still further increased by the erection, at the main entrance from the river, of a floating landing stage and gangway. These will make it much easier for steam launches and boats to land their passengers. The boundary disputes recorded in last year's report have all been practically settled, but the boundary has not yet been marked off by anything better than stone pillars, and a wall or stout fence would be certainly a great improvement, could sufficient funds be spared.

2. *Economic Plants.*—Nothing very special in the department has engaged attention during the year. The usual demands for Mahogany, fruit trees, Rain tree, Rhea and other useful plants have been met as far as possible.

3. *Herbarium.*—The collection of dried plants has received considerable accessions during the year. From garden collectors sent to Jongri (in Sikkim) and Maymyo (in Upper Burmah) very fair collections were received; while I have to thank General H. Collett, C.B., for a large and most interesting collection from the Shan hills; Mr. S. Peal for a collection from the Naga Hills, and Mr. Talbot for a collection from the forests of Canara. To the authorities of the Royal Garden at Kew we are as usual indebted for many gifts. Chief among these during the past year, I have to mention the third set of Mr. C. B. Clarke's extensive collections in the Eastern Frontier countries, made during his last visit to India. Mr. Clarke was an indefatigable collector, and as each specimen is accompanied by a note written by his own hand, this contribution is of exceptional botanical interest and value. From Kew were also received some Griffithian, a few Wallichian specimens, some Burmese plants, and a large

quantity of miscellaneous flowering and cryptogamic plants. From Mr. Wray, of the Perak Museum, there were received six boxes of specimens from that rich botanical country. Mr. Curtis, of the Forest Department of the Straits Settlements, contributed a set of the Dipterocarps of Penang; while to Mr. Duthie, of the Saharanpur Botanic Garden, we are indebted for some interesting specimens from the North-Western Himalaya. But the operations in the Herbarium were not confined to receiving, for during the year considerable numbers of named specimens were issued to the Herbaria at Kew, the British Museum, Cambridge, St. Petersburg, Paris, Berlin, Leiden, Florence, Saharanpur, Madras, Buitenzorg (Java), Singapore, Perak, Penang, and to the collections of M. de Candolle of Geneva and Mr. J. Sykes Gamble of the Madras Forest Department.

4. *Library.*—The library is indebted to Sir Joseph Hooker, late of Kew, for several volumes, and for many pamphlets presented from his private collection; and from his successor at Kew, Mr. W. T. Thiselton Dyer, F.R.S., I have to acknowledge many valuable books which were in duplicate in the library at Kew. During the year the second part of the Annals of the Garden was issued. This contains the completion of the Superintendent's monograph of the genus *Ficus*. A fresh part, treating of the Indo-Malayan species of Oaks and Chestnuts, is far advanced and will be published in a few months.

5. As the attached distribution lists will show, there was considerable activity in the nursery and seed departments, no fewer than 31,183 plants and 2,075 packets of seeds having been issued to municipalities, road committees, managers of station gardens, and private persons. These figures fall short of those of 1887-88, the returns of which were swelled by the issue of a quite unprecedented number of the plant producing the well-known Rheea fibre. In making these issues great care is taken to avoid anything like interference with private nursery enterprise.

6. For the first half of the year under review the Lloyd Botanic Garden at Darjeeling was under the charge of Mr. H. Bahr. In November Mr. Bahr resigned the service of Government, and Mr. W. A. Kennedy was put in charge. In addition to his duties as Curator of the garden, Mr. Kennedy has been very energetic in planting trees in suitable spots in various parts of the station. This is a work of some importance, for Darjeeling is at present one of the barest of the Himalayan stations, and, viewed from a distance, it offers a sorry contrast to its superb surroundings, there being little to be seen within municipal limits, except corrugated iron sheeting and scrub jungle.

7. Both at Calcutta and Darjeeling the budget allotments for the year were spent nearly in full. The joint revenue estimated from the two gardens was Rs. 1,700, the whole of which, I regret to say, was not realised, there being a deficit of Rs. 182.

8. The writer was absent on furlough from April to November, and during his absence the duties of Superintendent were most efficiently discharged by Dr. D. Prain, Curator of the Herbarium. Mr. McHardy filled the office of Curator during the whole year, and he has earned, both with Dr. Prain and myself, the character of an energetic and enthusiastic officer. Babu Gopal Chandra Datta, the head of the office establishment, and Babu Prossonno Coomar Sein have both conducted their duties most satisfactorily.

9. The usual appendices, four in number, are attached.

APPENDIX I.

Statement showing plants received from 1st April 1888 to 31st March 1889.

From whom received.	Wardian cases.	Boxes.	Number of plants.
Royal Garden, Kew, London	3	1	162
„ Botanic Garden, Peradeniya, Ceylon	1	.....	46
Botanic Garden, Hong-Kong	1	.....	18
Ditto, Saharanpur	.....	7	168
Ditto, Darjeeling	.....	3	164
Agri-Horticultural Society, Calcutta	.....	.....	41
Horticultural Garden, Lucknow	.....	10	772
Victoria Garden, Bombay	2	.....	96
Conservator of Forests, Madras	2	.....	53
Superintendent of Forests, Penang	2	2	130
Director of Forest School, Dehra-Dun, North-Western Provinces	.....	2	48
Deputy Postmaster-General, Lucknow	.....	2	692
His Grace the Most Reverend Archbishop Goethals ...	.....	.....	2
G. W. Bartlett, Esq., Calcutta	.....	.....	164
Miss Barron	.....	.....	16
Lieutenant F. C. Colomb, Shillong	.....	1	36
Brigadier-General H. Collett, C.B., Upper Burma ...	.....	1	15
W. Craw, Esq., Ranikhet	.....	.....	96
Dr. D. D Cunninghan, F R S., Calcutta	.....	.....	467
G. M. Currie, Esq., Howrah	.....	...A.	19
J. Gammie, Esq., Mungpoo	.....	13	227
G. Barton Groves, Esq.	2	4	350
A. O. Hume, Esq , C.B., Simla	.....	2	48
H. C. Johnston, Esq., Singapore	3	.....	189
J. L. Lister, Esq., Kalimpong	.....	4	152
G. H. T. Mayer, Esq., Allahabad	.....	2	18
E. H. Man, Esq., Andamans	2	.....	180
G. Mann, Esq., Shillong	.....	1	74
T. D. Osmers, Esq.	.....	.....	19
J. Parkes, Esq., Kalimpong	.....	9	712
G. McD. Peche, Esq., Moulmein	.....	6	412
Colonel M. C. Perreau, Calcutta	.....	.....	201
Dr. T. J. Rowell, Singapore	1	.....	42
A. Simson, Esq., Calcutta	.....	.....	7
W. Stalkartt, Esq., Ghoossery	.....	1	327
Dr. C. J. H. Warden	.....	1	1
Collected by Badal Khan, Plant Collector, Burma ...	.....	5	1,524
Babu Rai Prosonno Coomar Banerjee, Bahadoor, Calcutta ...	.....	.....	74
„ S. P. Chatterjee, Calcutta	.....	.....	1,324
Mr. J. C. Prazer, ditto	.....	.....	80
„ T. Nathan, Esq.	.....	.....	289
Haree Malee, Nurseryman, Manicktollah	.....	.....	250
Total ...	19	77	9,705

APPENDIX II.

Statement showing plants sent out from 1st April 1888 to 31st March 1889.

To whom sent.	Wardian cases.	Boxes.	Number of plants.
Government House Garden, Calcutta	.....	.....	11
Belvedere Garden, Alipore	.....	.....	86
His Highness the Maharajah of Cooch Behar	.....	.....	32
Royal Garden, Kew, London	1	15	435
Do. Botanic Garden, Peradeniya, Ceylon	2	.....	47
Botanic Garden, Geelong, Victoria	1	.....	157
Ditto, Saharanpur	.....	11	375
Lloyd Botanic Garden, Darjeeling	.....	7	278
M. Le Directeur, Jardin Botanique, Montpellier	.....	1	91
Zoological Garden, Alipore	.....	.....	457
Horticultural Garden, Nagpur	.....	3	39
Ditto, Lucknow	.....	35	562
Agri-Horticultural Garden, Lahore	.....	13	323
Ditto ditto, Calcutta	.....	1	23
Sir George Macleay, Surrey	.....	.....	18
„ W. Bowman, Do.	.....	.....	18
Alexander Forbes, Esq., Morkew	.....	.....	12
Marchioness of Londonderry	.....	1	200
Political Agent, Bhopal	.....	16	308
Ditto, Kotah	.....	4	68
Conservator of Forests, Assam	.....	1	4
Superintendent of Forests, Penang	11	1	421
Deputy Commissioner, Dhubri	.....	6	128
Sub-divisonal Officer, Feni	.....	2	76
Sub-divisional Officer, Baraset	.....	.....	182
Ditto ditto, Nowgong, Rajshahye	.....	8	200
Magistrate and Collector, Chittagong	.....	3	20
Officiating Magistrate, Noakholly	.....	16	285
Cantonment Magistrate, Dum-Dum	.....	.....	140
Ditto ditto, Barrackpore	.....	.....	65
Honorary ditto, Hooghly	.....	2	50
Chairman, District Board, Furreedpore	.....	14	300
Ditto ditto, Maldah	.....	3	70
Vice-Chairman, Dinagepore Municipality	.....	5	100
District Engineer, Dinagepore	.....	46	1,000
Ditto, Ghogha	.....	8	150
Ditto, Sultangunge	.....	3	50
Ditto, Bhagalpur	.....	12	239
Assistant Engineer, P. W. D., Cuttack	.....	4	77
Executive Engineer, Calcutta Workshop Division	.....	.....	300
Ditto, Jessore Division	.....	10	200
Ditto, Nazirgunge	.....	.....	2
Superintendent, Gunpowder Factory, Ishapur	.....	.....	162
Ditto, Akra Brick Factory	.....	.....	400
Ditto, Presidency Jail, Calcutta	.....	.....	500
Ditto, Central Jail, Dacca	.....	11	190
Ditto, Jail, Chittagong	.....	12	300
Ditto, do., Hooghly	.....	.....	474
Ditto, do., Monghyr	.....	3	74
Ditto, do., Burdwan	.....	2	48
Ditto, Water-Works, Singapore	3	.....	76
Ditto, Khusru-Bagh, Allahabad	.....	1	8
Ditto, Dispensaries, Cawnpore	.....	1	29
Ditto, P. & O. S. N. Co., Calcutta	.....	...	24
Manager, Jugcherra Tea Estate, Sylhet	.....	13	216
Ditto, Jute Mills, Seebpore	.....	.....	24
Ditto, Jungpanna Tea Estate, Mahanuddy, Darjeeling	.....	1	30
Ditto, Star Tea Estate, Sylhet	.....	1	200
Manager, Lulleecherra Tea Estate, Sylhet	.....	1	500
„ Jorehat State Railway, Assam	.....	10	200
Deputy Postmaster-General, Lucknow	.....	7	251
Librarian, Forest School, Dehra-Dun	.....	1	1
C. M. S. Boys' Boarding School, Calcutta	.....	.....	372

APPENDIX II—*continued.*

To whom sent.	Wardian cases.	Boxes.	Number of plants.
Zenana Mission, Calcutta	.....	.....	183
Church Committee, Maimensing	.....	4	80
„ Mission House, Bhagalpur	.....	5	105
General Assembly's Institution, Calcutta	.....	.....	4
Principal, Kishnaghar College	.....	6	88
„ Government Engineering College, Seebpore	.....	.....	2
Assistant Registrar, Calcutta University	.....	.....	12
Soldiers' Garden, Fort William, Calcutta	.....	.....	2,283
East Indian Railway	.....	34	2,905
Eastern Bengal State Railway	.....	.....	1,558
District Traffic Superintendent, Tundla	.....	1	12
Barrackpore Park	.....	.....	21
Sulkea Salt Golah	.....	.....	1,859
Bazar of the Little Sisters of the Poor	.....	.....	13
His Grace the Most Reverend Archbishop Goethals	.....	.....	11
Reverend Father C. Cesary, Jamalpur	.....	6	80
„ P. T. Wilson, Budaon, North-Western Provinces	.....	1	10
„ F. Rolfe, Howrah	.....	.....	100
„ H. P. Boerresen, Rampur Hât	.....	2	30
Hon'ble C. B. Garrett, Alipore	.....	.....	96
C. A. B. Anderson, Esq., Calcutta	.....	.....	64
Mrs. Andrew	.....	.....	6
G. W. Bartlett, Esq., Calcutta	.....	.....	21
H. G. Batten, Esq, St. Albans	.....	1	10
G. S. Beatson, Esq., Calcutta	.....	.....	4
R. Blechyndon, Esq., ditto	.....	.....	6
Alfd. E. Bower, Esq., Agra Cantonment	.....	4	80
V. O. Camphore, Esq., Chandernagore	.....	2	45
W. H. Crowe, Esq., Poona	.....	2	22
Dr. D. D. Cunningham, F.R.S., Calcutta	.....	.....	118
W. Currie, Esq., Calcutta	.....	.....	62
T. B. Curtis, Esq., Tukvar, Darjeeling	.....	3	46
Miss Calder	.....	.....	4
G. S. Donnithorne, Esq., Howrah	.....	.....	69
J. Ware Edgar, Esq., C.S.I., Calcutta	.....	.....	93
Mr. Fitzgibbon, Government Engineering College, Seebpore	.....	1	4
„ S. Fleming, Darjeeling	.....	1	6
J. L. D. Fox, Esq., Calcutta	.....	.....	1
Mrs. Fleming, Calcutta	.....	.....	7
G. Gellatly, Esq., Calcutta	.....	.....	50
G. Barton Groves, Esq.	.....	3	160
J. Halvey, Esq., Seebpore	.....	.....	31
C. Kelly, Esq., Howrah	.....	.....	2
Dr. Irving Rowell, Singapore	1	.....	36
Mrs. Larmour, Calcutta	.....	.....	48
„ Lyall, ditto	.....	.....	176
D. Low, Esq., Brindisi	.....	1	100
C. Little, Esq., Calcutta	.....	.....	10
J. L. Lister, Esq., Kalimpong	.....	1	26
Herbert Lister, Esq., England	1	.....	15
A. W. Mann, Esq., Commander, S.S. *Rewa*	.....	.....	20
E. H. Man, Esq, Nicobar Islands	3	.....	100
C. Maries, Esq., Gwalior	.....	77	4,372
Dr. R. Mathew, Howrah	.....	.....	138
M. M. Ghose, Esq., Calcutta	.....	1	21
E. F. Mondy, Esq., Dacca	.....	2	429
H. Millett, Esq., Calcutta	.....	.....	50
Mrs. Munro ditto	.....	.....	36
Colonel G. Neill, ditto	.....	.....	2
C. Nickels, Esq., Jaunpur	.....	2	9
T. N. O'Connell, Esq., Simla	.....	4	262
G. Mc.D. Peche, Esq., Moulmein	.....	2	14
R. Pantling, Esq., Mungpoo	.....	3	292
Colonel M. C. Perreau, S.C., Calcutta	.....	.....	185

APPENDIX II—*continued.*

To whom sent.	Wardian cases.	Boxes.	Number of plants.
P. Playfair, Esq., Alipore			61
J. Pratt, Esq., Midnapore		3	75
J. Rainnie, Esq., Assam		2	35
Dr. Regel, Imperial Garden, St. Petersburg		1	90
H. R. Reilly, Esq., Burdwan		10	220
P. Richards, Esq., Calcutta			130
J. Robinson, Esq., Bhagulpore		1	25
R. S. Romaine, Esq., Calcutta			8
Mrs. Ross, Seebpore			15
J. S. Slater, Esq., Seebpore	1		44
W. P. Smith, Esq., Bhagulpore		9	220
Colonel Skene, Upper Burma		1	22
W. Stalkartt, Esq., Ghoossery			179
J. A. Tomlin, Esq., Calcutta			80
Mrs. Templeton, ditto			6
„ Thomson, ditto			25
„ R. E. Twidale, ditto			15
R. L. Upton, Esq., ditto			1
A. J. Wilson, Esq., ditto			8
Charles Young, Esq., London			35
Messrs. Octavius, Steel & Co.		4	42
Babu Rai Prosonno Coomar Banerjee, Bahadoor, Calcutta			4
„ G. C. Datta, Seebpore			70
„ P. C. Sein, ditto			73
„ D. N. Basu, Calcutta		1	26
„ S. P. Chatterjee			267
„ A. C. Datta			4
„ A. C. Sein, Seebpore			1
„ B. B. Gangooly, Ranaghat		1	12
„ B. L. Mookerjee, Seebpore			151
„ B. L. Sein Gupta, Calcutta			7
„ B. B. Ghose, Taki			206
„ B. C. Banerjee, Ballaghar		2	10
„ B. L. Chowdhury, Calcutta			1
„ D. N. Sein Gupta, Umbica Culna			7
„ D. C. Halder, Seebpore			13
„ D. D. A. Chowdhury, Muktagacha		5	120
„ G. C. Dey, Government Engineering College, Seebpore			1
„ G. N. S. Gupta Roy, Krishnaghur		1	13
„ H. C. Roy, Calcutta			3
„ H. K Gupta, Habigunge		2	40
„ J. P. Gupta, Nashipore		1	16
„ J. N. Mookerjee, Krisnaghur			2
„ J. N. Gangooly, Ariadaha			6
„ J. N. Roy, Burdwan			28
„ K. P. R. Chowdhury, Seebpore			30
„ K. C. Palit, Calcutta			10
„ K. C. Chatterjee, Tarkeshwar		6	77
„ L. C. Dey, Maimensing			4
„ M. S. S. Gupta, Seebpore			2
„ N. L. Mookerjee, Calcutta			2
„ N. C. Shaw, Chandernagore			4
„ N. M. Bhattacharjee, Seebpore			2
„ N. N. Samonta, Burdwan			1
„ O. C. Banerjee, Jannai			50
„ O. C. Datta, Ramkristopore			16
„ P. Dey, Calcutta			20
„ P. C. Banerjee, Narainpore		2	23
„ P. Ghosh, Calcutta			8
„ R. K. Roy, Ganeshpore			10
„ B. B. Chowdhury, Calcutta			4
„ R. N. Mahata, ditto			15
„ R. Maleah, Howrah			14
„ S. C. Mookerjee, Mihirpore		1	8

APPENDIX II—*concluded.*

To whom sent.	Wardian cases.	Boxes.	Number of plants.
Babu S. K. Roy, Garia	.....	.....	7
„ S. C. Chatterjee, Seebpore	.....	.....	13
„ W. N. S. Gupta, Ramkristopore	.....	.....	3
„ Mohurr Sing, Dehra-Dun	.....	.....	2
Head Clerk, Ghoossery Mill	.....	.....	2
Mahammed Shah, Garden Reach	.....	.....	9
Moonshee Etrut Hossein, Burdwan	.....	2	9
M. M. Wime, Calcutta	.....	.....	1
Phallaram Maity, Nazirgunge	.....	.....	3
Issan Chundra Dass, Nurseryman, Manicktollah ...	.....	.....	35
Total	24	539	31,183

APPENDIX III.

Statement of seeds received from 1st April 1888 to 31st March 1889.

From whom received.	Number of parcels or packets.
W. T. Thiselton Dyer, Esq., F.R.S., C.M.G., Director, Royal Garden, Kew, London	325
Dr. Regel, Imperial Garden, St. Petersburg, Russia ...	105
Botanic Garden, Jamaica	2
Ditto, Trinidad	9
Ditto, Demerara	3
Ditto, Adelaide	56
Ditto, Melbourne	1
Ditto, Cambridge	1
Ditto, Hong-Kong	8
Ditto, Buitenzorg, Java	2
Ditto, Peradeniya, Ceylon	14
Ditto, Saharanpur	50
Ditto, Darjeeling	55
Ditto, Bangalore	12
Victoria Garden, Bombay	1
Baron Ferdinand Von Muller, F.R.S., Melbourne, Australia ...	28
Messrs. Reasoner Brothers, Royal Palm Nurseries, Manatee, Florida	22
R. D. Hoyt, Esq., Proprietor, Bay View Nurseries, Bay View, Florida	24
Dr. E. Haeckel, Director du Jardin Botanique de Marseilles...	1
Messrs. Dammann & Co., San Giovanni, Italy ...	95
Dr. James Irving, San Remo, Italy	1
Right Hon'ble the Earl of Annesley, Ireland	1
B. L. Cumberland, Esq., Durban, Natal	1
Sir W. Bowman, F.R.S., London	1
C. Curtis, Esq., Forest Department, Penang	5
Secretary to the Agri-Horticultural Society of India, Calcutta	3
Secretary to the Agri-Horticultural Society of India, Madras	2
Superintendent, Horticultural Garden, Lucknow ...	1
Conservator of Forests, Ootacamund	1
Deputy Conservator of Forests, Chittagong Division ...	2
Commissioner of Kumaon	1
J. Gammie, Esq., Mungpoo	6
R. Pantling, Esq., ditto	1
J. L. Lister, Esq., Kalimpong	3
T. C. Anderson, Esq., Ceylon	1
Brigadier-General H. Collett, C.B., Upper Burma ...	1
A. F. Dowling, Esq., Hulda Valley, Chittagong ...	1
S. J. Kilby, Esq., Calcutta	1
G. Marshall Woodrow, Esq., Poona, Bombay	1
R. Rose, Esq., Lucknow	10
Messrs. Stanley Price & Co., Calcutta	58
T. H. Storey, Esq., Oodeypore, Rajputana	1
Babu B. Ghosh, Taki	2
Badul Khan, Plant Collector	21
Unknown parties	2
Total	942

APPENDIX IV.

Statement showing seeds distributed from the Royal Botanic Garden during the year 1888-89.

To whom sent.	Number of parcels or packets.
W. T. Thiselton Dyer, Esq., F.R.S., C.M.G., Director, Royal Garden, Kew, London	108
Botanic Garden, Jamaica	21
Ditto, Cambridge	1
Ditto, Brisbane, Queensland	3
Ditto, Buitenzorg, Java	24
Ditto, Hong-Kong	1
Ditto, Singapore	1
Ditto, Peradeniya, Ceylon	10
Ditto, Saharanpore	9
Ditto, Darjeeling	440
M. L. Linden, Directeur, Société Anonyme de Horticulture Internationale, Ghent	1
M. Crepin, Directeur du Jardin Botanique de l' Etat, Bruxelles	1
Herr Max Leichtlin, Botanique Horticole, Baden-Baden ...	1
Secretary to the Acclimatization Society, Brisbane, Queensland	3
Secretary to the Royal Botanic Society, Regents Park, London	1
Ditto Royal Horticultural Society, South Kensington	1
Ditto Agri-Horticultural Society of Burma, Rangoon	3
Ditto ditto ditto, Madras	4
Ditto ditto ditto, India, Calcutta	6
Ditto Municipal and Sanitary Committee, Abu, Rajputana	1
Superintendent, Horticultural Garden, Lucknow ...	34
Ditto, Agri-Horticultural Garden, Lahore ...	14
Ditto, Empress Botanic Garden, Gharpuri, Poona ..	1
Ditto, Government Garden, Bangalore ...	3
Ditto, Victoria Garden, Bombay	1
Ditto of Gardens, Annandale, Simla	3
Ditto, Gwalior State Garden, Morar, Gwalior ...	17
Ditto, Foundry and Shell Factory, Cossipore ...	1
Ditto of Jail, Rajahmundry, Madras	8
Ditto, Kurnafuli Tea Association, Hulda Valley, Chittagong	5
Ditto, Kulsapore Estate, Koppa, Bangalore ...	1
Assistant Superintendent of Forests, Malacca	13
Sir Alexander Arbuthnot, K.C.S.I., India Office, London ...	1
W. Armstrong, Esq., St. Lawrence, Queensland	1
Charles L. Badgay, Esq., Roma Downs, Roma, Queensland ...	1
Professor Balfour, F.R.S., Edinburgh, Scotland	1
„ Bower, University, Glasgow	111
William Bull, Esq., F.L.S., Chelsea	1
Dr. Charles, Maison Robbi, Sils Maria, Switzerland ...	95
B. L. Cumberland, Esq., Durban, Natal	3
M. J. Adrien Despeissin, Royal Society, Mauritius ...	1
John Gabber, Esq., Horticulturist, San Fransisco, California	1
W. G. Head, Esq., Crystal Palace, London	12
R. D. Hoyt, Esq., Proprietor, Bay View Nurseries, Bay View Florida	114
J. Inglis, Esq., Sydney, Australia	1
Dr. James Irving, Villa Luigi, Marsaghü, San Remo ...	84
„ Geo. King, London	41
D. Low, Esq., Brindisi	4
Baron Ferdinand Von Muller, University, Melbourne ...	3
David Prain, Esq., Fettercairn	18
W. A. DeSilva, Esq., Minwangoda, Ceylon ...	1
E. D. Sturtevant, Esq., New Jersey	13
Alexander Thomson, Esq., Aberdeen	1
Major-General H. Tottenham, Tasmania	6
Thos. C. Wilson, Esq., Socrubaya, Java	10
Messrs. Cooper, Madon and Company, Limited, Bombay ...	1
„ Dammann and Company, San Giovanni, Italy ...	6
„ Finlay, Muir and Company, Calcutta	1
„ Haage and Schmidt, Erfurt	1
„ Hugh Low and Company, London	1
„ Octavius, Steel and Company, Calcutta	1

APPENDIX IV—*continued.*

To whom sent.	Number of parcels or packets.
Messrs. Reasoner Brothers, Royal Palm Nurseries, Manatee, Florida	4
Messrs. Stanley, Price and Company, Calcutta	26
Deputy Commissioner, Ludhiana	2
Ditto, Peshawar	2
Conservator of Forests, Pegu Circle, Rangoon	2
Ditto, Northern Circle, Madras	13
Ditto, Bengal, Darjeeling	1
Ditto, Shillong	1
Assistant Conservator of Forests, Ajmere	8
Ditto, ditto, Kurseong	3
Ditto, ditto, Nimar Division ...	1
Deputy Conservator of Forests, Buksa Duar, Jalpaiguri ...	1
Ditto ditto, Rangamati ...	1
Ditto ditto, Orissa ...	1
Executive Engineer, Dehree Workshop Division, Dehree ...	7
Ditto, Dehree Irrigation Hospital, ditto ...	1
Ditto, Bhoginpur Division, Ganges Canal ...	1
District Engineer, Rungpur	4
Collector of Shahabad	2
Ditto of Bankipur	2
Ditto of Durbhunga	2
Ditto of Mozufferpore	2
Officiating Collector of Sarun	2
Acting Sub-Collector, Rajamundry	1
Ordnance Officer in charge of Arsenal, Fort William ...	23
District Forest Officer, Nilambur, Madras	4
Ditto ditto, Kistna	1
Officer in charge, Public Works Department, Garo Hills ...	1
Commandant, Military Police, Yemethin, Burma ...	27
Chairman, Local Board, Tajpur	1
Sub-divisional Officer and Chairman of the Local Board, Ranaghat	3
Assistant Director of Agriculture, Madras	1
Political Agent, West Malwa, Augor	1
Ditto, Bhopal, Sehore	3
Principal, Government College, Ajmere	3
Professor, Government Engineering College, Seebpore ...	47
Miss Kilby, Darjeeling...	38
„ Johnson, Darjeeling	12
„ Violet Marder, England	20
Mrs. A. Donnithorne, Howrah	2
H. T. Bottinger, Esq., Calcutta	80
Cav. F. Bozzoni, Consul-General for Italy, Bombay ...	138
Reverend John Cain, Dumagudiem, Godavari	1
G. Collins, Esq., Shillong, Assam	1
Brigade Surgeon Condor, Cawnpur	1
C. J. Courteny, Esq., Alipore	18
C. Curtis, Esq., Forest Department, Penang	19
Picton Davis, Esq., Plaisance, Quetta ...	3
J. Gammie, Esq., Mungpoo	11
H. Gerlich, Esq., Calcutta	18
W. T. Hall, Esq., Rangoon	2
Lieutenant H. Hodges, Monywa, Upper Burma... ...	2
Reverend W. Kiefel, Hazaribagh	1
George H. T. Mayer, Esq., Khusru Bagh, Allahabad ...	4
Colonel Ralph Ousley, Dhukrani, Rambagh	6
J. Peter, Esq., Mertinga...	2
R. Pantling, Esq., Mungpoo	2
Winter R. Le Quesne, Esq., Calcutta	1
D. P. Basy Reddy, Esq., Yadiki, Anantapur	2
Mr. Roberts, Howrah	44
L. J. E. Scott, Esq., Rajahmundry, Madras	6
C. P. Smith, Esq., Betwa	1
Thomas Ward, Esq., Madampalle, Cuddapah	2
G. E. Ward, Esq., Jhansi	1
M. R. Weld, Esq., Ganjam District, Berhampur ...	22
Baboo A. C. Sein, Seebpore	1
„ A. C. Dey, Thana Makooah	1

APPENDIX IV—*concluded.*

To whom sent.	Number of parcel or packets.
Baboo B. K. Mookerjee, Seebpore	1
„ B. B. Ghosh, Taki	25
„ D. N. Bose, Calcutta	22
„ G. C. Mookerjee, Nazirganj	1
„ G. C. Datta, Seebpore	20
„ J. C. Biswas, Calcutta	6
„ L. G. Goswamy, Sonepore	34
„ N. G. Chatterjee, Calcutta	8
„ O. C. Singh, Bhagalpur	2
„ P. C. Ghosh, Calcutta	5
„ P. C. Sein, Seebpore	1
„ P. N. Singh, Bankura	2
„ R. Prosad, Janakganj	1
„ R. N. Pandy, South Arcot	2
„ S. P. Chatterjee, Calcutta	1
„ U. C. Datta, Midnapore	1
Total ...	2,075

W. J. & E. D'S.—Reg. No. 754J—317—19-6-89.

FINANCIAL DEPARTMENT.

MISCELLANEOUS.

CALCUTTA, THE 5TH AUGUST 1889.

RESOLUTION.

READ—

The Annual Report of the Royal Botanic Garden, Calcutta, for the year 1888-89.

During the year under report the Palm-house was completed and the continuation of the riverside road from Shalimar Point to the Garden commenced.

2. Some valuable additions have been made to the Herbarium, among which may be mentioned the collections from the Shan Hills presented by General H. Collett, C.B., from the Naga Hills by Mr. Peal, and from the Eastern Frontier districts by Mr. C. B. Clarke. Contributions were also received from the Kew and Perak Museums, the Straits Settlements and Saharanpore, and specimens were sent to most of the leading Botanic museums in Europe.

3. Dr. King completed, during the year under report, the second part of his important work "Annals of the Royal Botanic Garden," which deals with the Ficus, and is now engaged on the preparation of a new part on the Indo-Malayan species of oaks and chestnuts. These treatises, as they are completed, have been circulated to all the chief museums and Botanical gardens in Europe and elsewhere, and are highly appreciated for their scientific value and accuracy.

4. The thanks of the Lieutenant-Governor are again due to Dr. King for his efficient management of the Garden, and to Dr. Prain, the Curator of the Herbarium, who officiated for him during his absence, on furlough, from April to November.

ORDER.—Ordered that a copy of this Resolution and of the Report be submitted to the Government of India, in the Revenue and Agricultural Department, for information.

Ordered also that a copy of this Resolution be forwarded to the Superintendent of the Botanic Garden for information.

By order of the Lieutenant-Governor of Bengal,

H. J. S. COTTON,

Offg. Secretary to the Government of Bengal.

No. M $\frac{2\text{-B}}{3}$ 2.

COPY forwarded to the Superintendent of the Royal Botanic Garden, Calcutta, for information.

By order of the Lieutenant-Governor of Bengal,

F. J. MONAHAN,

Offg. Under-Secretary to the Govt. of Bengal.

CALCUTTA,
The 14th August 1889.